Amendments to the Claims

Kindly amend claims 1 & 9, and cancel claim 10 as set forth below. In accordance with current amendment practice, all pending claims are reproduced below. Changes in the amended claims are shown by underlining (for added matter) and strikethrough/double brackets (for deleted matter).

- 1. (Currently Amended) A method of joining, comprising:
 - (a) providing a first substrate and a second substrate; [[and]]
- (b) providing first solder bumps and second solder bumps connecting offset between said first substrate and said second substrate to connect said first substrate and said second substrate, wherein said second solder bumps have at least a portion that melts at a substantially lower temperature than said first solder bump; and
- (c) reflowing the second solder bumps to align the first solder bumps between the first substrate and the second substrate, the alignment occurring before the first solder bumps are reflowed.
- 2. (Original) A method as recited in claim 1, wherein said providing (b) comprises providing said second solder bumps larger than said first solder bumps.
- 3. (Original) A method as recited in claim 1, wherein said providing (b) comprises providing said second solder bumps with a portion having a higher concentration of tin than said first solder bumps.
- 4. (Original) A method as recited in claim 3, wherein said portion comprises a eutectic concentration of tin.
- 5. (Original) A method as recited in claim 3, wherein said providing (a) comprises providing said first substrate with identical solder bumps at all positions and providing said second substrate with solder bumps comprising a higher concentration of tin at locations of said second solder bumps than at locations of said first solder bumps.

- 6. (Original) A method as recited in claim 5, wherein said providing (a) comprises providing said second substrate with solder bumps consisting exclusively of tin exclusively at locations of said second solder bumps.
- 7. (Original) A method as recited in claim 1, wherein said first and said second solder bumps provide mechanical connection between said first substrate and said second substrate.
- 8. (Original) A method as recited in claim 6, wherein said first solder bumps provide electrical connection between said first substrate and said second substrate.
- 9. (Currently Amended) A method as recited in claim 1, wherein said providing (b) comprises and said reflowing (c) comprise:
 - [[(b1)]] mounting said first substrate on said second substrate;
 - [[(b2)]] heating to melt at least a portion of said second solder bumps without melting said first solder bumps wherein after said melting said first substrate aligns with said second substrate; and
 - [[(b3)]] heating to melt at least a portion of said first solder bumps to form said joining, wherein said first solder bumps wet contact on wet contact and wherein said second solder bumps align said first substrate and said second substrate before melting of said first solder bumps.
 - 10. Canceled.
- 11. (Original) A method as recited in claim 1, wherein said second solder bumps melt at a temperature at least 25C less than said first solder bumps.
- 12. (Original) A method as recited in claim 1, wherein said first substrate comprises a first semiconductor chip.
- 13. (Original) A method as recited in claim 12, wherein said second substrate comprises a second semiconductor chip.

- 14. (Original) A method as recited in claim 13, wherein said second chip is larger than said first chip.
- 15. (Original) A method as recited in claim 14, wherein said second chip further comprises wire bond pads for bonding to a printed circuit board.

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